

Still other objects of the present invention will become apparent to those skilled in this [an] art from the following description, wherein there is shown and described a preferred embodiment of this invention, simply by way of illustration, of one of the best modes contemplated for carrying out the invention. As will be realized, the invention is capable of other different embodiments, and its several details are capable of modification in various, obvious aspects all without departing from the invention. Accordingly, the drawings and descriptions will be regarded as illustrative in nature and not as restrictive.

At column 4, lines 3-30:

Ball 22 and spring 24 are selected based on the physical characteristics of the firearm and the rounds being discharged so as to close the electrical circuit in response to the recoil of the firearm upon discharge, but preferably not in response to other impacts which the firearm might experience. Preferably, this electrical circuit is closed only once for one discharge of the fire arm, with ball 22 returning to a position adjacent the distal end 16 of housing 16. However, for production purposes, it is anticipated that a given ball and spring combination will be used for a range of firearms and calibers. Given such a range of firearms and calibers that a given ball and spring combination may have to accommodate, the microprocessor can be programmed to ignore multiple closures occurring within a predetermined period of time which result from any "bounce" of ball 22. Additionally or alternatively, magnet 27 (shown only in Fig. 2) may be disposed adjacent distal end 26, creating an additional return force on ball 22. As should be apparent, in the event that magnet 27 is used, ball 22 must be magnetic and housing 26 non-magnetic. Adjustment screw 28 can be screwed in or out to adjust the distance between ball 22 and magnet 27. Magnet 27 and adjustment screw 28 may be carried directly by the housing for firearm monitoring device 2 or by housing 16. To increase the range of firearms and calibers which a given ball and spring combination can accommodate, different strength magnets may be made available and provisions made for magnet 27 to be removed from the outside of the housing of firearm monitoring device 2.

At column 6, lines 39-52:

Referring to Fig. 3, firearm monitoring device 2 is shown disposed within housing 42. Housing 42 is sealed to protect firearm monitoring device 2 from the environment, particularly from solvents which are frequently used for cleaning. For this reason, reset switch 36, count adjustment switch 38 and back light on-off switch 40 are tactile switch which underlie thin portions 36a, 38a and 40a, respectively, of housing 42. LCD 32 is protected by lens 44 (Fig. 2) which is sealed to housing 42. Back lighting battery access cover 46 is also sealed, as is adjustment screw [26] 28. Opening 48b, which provides access to electrical port [7] 48, is also sealed. Housing 42 is designed to be attached to the hand grip of a handgun. When used with a handgun, end 50 of housing 42 is angled to permit easier holstering.